

AMETOM 200

Modern and reliable, AMETOM 200 is a complex High-frequency electro-surgical unit applicable in all specialties of surgery and microsurgery, and particular in the urology. The device has a special function for ligating of blood vessels. The indication and selection of the modes and power values are through a color touchscreen display. Maximal power output - 200W. Open for communication in "smart" operating room (SmartOR).



Urology	● ● ●
General Surgery	● ● ●
Gastroenterology	● ● ●
Neurosurgery	● ● ●
Endoscopic Surgery	● ● ●
Gynecology	● ● ●
ENT	● ● ●
Orthopedics	● ● ●

- Monopolar multifunctional output for standard- Valleylab and Martin/Berchtold plugs.
- Activation via electrode handle and footswitch (two monopolar outputs and two footswitch inputs).

Monopolar cutting



Pure cut



Blend Cut



Polypectomy and Papillotomy



TUR Cut

Monopolar Coagulation



Soft Coag



Force Coag



Spray Coag



TUR Coag

- Bipolar output for standard- Valleylab and Martin/Berchtold plugs
- Activation via footswitch (two inputs) and an option for automatic start via bipolar forceps

Bipolar Cutting



Blend Cut



TUR Cut

Bipolar Coagulation



Forceps coagulation



TUR Coagulation



Blood Vessel sealing



Forceps Coagulation, automatic start through the tissue

Technical data

Mains connection

Power supply	100-260 Vac, 50-60 Hz
Power consumption – max.	300VA (100Vac, PF=1,0); 280VA (230Vac, PF=0,99)
Loading ratio	Interval 10 s/30 s (activation/pause)
Mains fuses	2 x T 6,3 A (inert)

Interface

PC	USB Galvanically isolated
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HF outputs and types of currents

Nominal frequency	500kHz
Voltage form	- Non modulated, sine wave - Modulated with 33kHz, sine wave
Crest factor (the ratio between amplitude voltage to effective voltage)	1,41 ÷ 5,7 depending on the mode
Maximal HF voltage	3420 V _{ss} (peak to peak) 387 V _{eff} (effective)
Maximal HF power	Monopolar CUT 200W/500Ω Monopolar COAG 140W/500Ω Bipolar CUT 200W/100Ω Bipolar COAG 140W/100Ω

Safety

Classification according to EU 93/42/EWG	II b
Type of construction according to	EN 60601-1
Safety class	I
Type	CF
Earthing	Yes
Connection of neutral electrode	Floating output
Monitoring for incorrect power dosage in the patient circuit and preventive HF generator switch off	Yes
Fail-safe monitoring and automatic HF power switch off	Yes

Dimensions and weight

Length x width x height 380 x 370 x 145 mm
Weight 8.5 kg